

Listing of Claims:

1. (amended) A continuous process of making polytrimethylene ether glycol comprising:
 - (a) continuously providing 1,3-propanediol reactant and polycondensation catalyst; and
 - (b) continuously polycondensing the 1,3-propanediol reactant to polytrimethylene ether glycol in two or more reaction stages.

Claims 2-19 (cancelled)

20. (original) The process of claim 1 wherein the catalyst is homogeneous.
21. (original) The process of claim 20 wherein the catalyst is selected from the group consisting of a Lewis Acid, a Bronsted Acid, a super acid, and mixtures thereof.
22. (original) The process of claim 21 wherein the catalyst is selected from the group consisting of inorganic acids, organic sulfonic acids, heteropolyacids, and metal salts thereof.
23. (original) The process of claim 1 wherein the catalyst is selected from the group consisting of sulfuric acid, fluorosulfonic acid, phosphorus acid, p-toluenesulfonic acid, benzenesulfonic acid, phosphotungstic acid, phosphomolybdic acid, trifluoromethanesulfonic acid, 1,1,2,2-tetrafluoroethanesulfonic acid, 1,1,1,2,3,3-hexafluoropropanesulfonic acid, bismuth triflate, yttrium triflate, ytterbium triflate, neodymium triflate, lanthanum triflate, scandium triflate and zirconium triflate.
24. (original) The process of claim 1 wherein the catalyst is sulfuric acid.

Claims 25-45 (cancelled)

46. (original) A continuous multi-stage process comprising reacting at least one reactant in a liquid phase in an up-flow column reactor, and forming a gas or vapor phase by-product wherein the gas or vapor phase by-product is continuously removed at the top and at least one intermediate stage.